<u>In the Claims</u>:

Please replace claim 46 and add new claims 52-61, all as shown below.

1.   (Original):   A method of representing an entity as a document using a data source having

an associated property and content information related to the entity, the method comprising:

identifying the data source as having the associated property;

retrieving the content information from the identified data source; and

providing the retrieved content information as at least a portion of the document.

2.   (Original):   The method of claim 1 wherein the entity is a task.

3.   (Original):   The method of claim 1 wherein the entity is a person.

4.   (Original):   The method of claim 1 wherein the entity is an object.

5.   (Original):   The method of claim 1 wherein the entity is a device.

6.   (Original):   The method of claim 1 wherein the data source is a document.

7.   (Original):   The method of claim 1 wherein the data source is a device.

8.   (Original):   The method of claim 7 wherein the device is a phone.

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9.   (Original):   The method of claim 7 wherein the device is a printer.

10.   (Original):   The method of claim 7 wherein the device is a camera.

11.   (Original):   A method of representing an entity as a document using a plurality of data sources, a first one of the data sources having a first associated property and first content information related to the entity, a second one of the data sources having a second associated property and second content information related to the entity, the method comprising:

    identifying the first data source as having the first associated property;

    identifying the second data source as having the second associated property;

    retrieving the first content information from the first data source and the second content information from the second data source; and

    combining the retrieved first and second content information to define at least a portion of the document.

12.   (Original):   A document management system for representing an entity as a document using a data source having an associated property and content information related to the entity, the system comprising:

    a bit provider configured to:

        i)   identify the data source as having the associated property;

        ii)   retrieve the content information from the identified data source ; and

        iii)   provide the retrieved content information as at least a portion of the document.

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13.   (Original):   A system for representing an entity as a document using a plurality of data

sources, a first one of the data sources having a first associated property and first content information

related to the entity, a second one of the data sources having a second associated property and second

content information related to the entity, the system comprising:

a bit provider configured to:

i)   identify the first data source as having the first associated property;

ii)   identify the second data source as having the second associated property;

iii)   retrieve the first content information from the first data source and the second

content information from the second data source; and

iv)   combine the retrieved first and second content information to define at least a

portion of the document.

14.   (Original):   The document management system of claim 13 further comprising:

an application interface in communication with the bit provider, the application interface

configured to provide the document to an application.

15.   (Original):   A system for representing an entity as a document, the system comprising:

a data storage layer including a plurality of data sources, a first one of the data sources having

a first associated property and first content information related to the entity, a second one of the data

sources having a second associated property and second content information related to the entity;

an application layer including a plurality of applications;

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a document management layer interposed between the data storage layer and the application layer, the document management layer including:

  a)   a bit provider in communication with the data storage layer and configured to:

    i)   identify the first data source as having the first associated property;

    ii)   identify the second data source as having the second associated property;

    iii)   retrieve the first content information from the first data source and the second content information from the second data source;

    iv)   combine the retrieved first and second content information to define at least a portion of the document; and

  b)   an application interface layer configured to receive the document from the bit provider and provide the document to an application.

16.   (Original):   The system of claim 15 wherein the application interface layer includes a plurality of interfaces each associated with a respective one of the plurality of applications and configured to provide the document to a respective associated application.

17.   (Original):   A method of representing a physical device as a document, the physical device having an associated property and content information stored in a memory unit situated within the physical device, the method comprising:

  identifying the physical device as having the associated property;

  retrieving the content information from the identified physical device; and

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providing the retrieved content information as at least a portion of the document.

18. (Original): The method of claim 17 wherein the physical device is a telephone, and the content information includes a phone number.

19. (Original): The method of claim 17 wherein the physical device is a telephone, and the content information includes an address.

20. (Original): The method of claim 17 wherein the physical device is a printer, and the content information includes a list of outstanding print jobs.

21. (Original): The method of claim 17 wherein the physical device is a camera, and the content information includes image data.

22. (Original): The method of claim 17 wherein the physical device is a UNIX machine, and the content information includes status information for the UNIX machine.

23. (Original): A system for representing a physical device as a document, the physical device having an associated property and content information stored in a memory unit situated within the physical device, the system comprising:

a bit provider configured to:

i) identify the physical device as having the associated property;

ii)   retrieve the content information from the identified physical device; and

iii)   provide the retrieved content information as at least a portion of the document.

24.   (Original):   The system of claim 23 further comprising:

an application interface in communication with the bit provider, the application interface configured to provide the document to an application.

25.   (Original):   The system of claim 24, the bit provider further configured to:

iv)   receive additional content information from the application via the application interface; and

ii)   send the additional content information to the identified physical device via a communications path.

26.   (Original):   The system of claim 25 wherein the communications path includes a short message service (SMS) gateway.

27.   (Original):   The system of claim 25 wherein the communications path includes an e-mail gateway.

28.   (Original):   The system of claim 25 wherein the communications path is established, at least in part, over a local area network (LAN).

29. (Original): A method of representing a person as a document using a plurality of data sources, a first one of the data sources having a first associated property and first content information related to the person, a second one of the data sources having a second associated property and second content information related to the person, the method comprising:

identifying the first data source as having the first associated property;

identifying the second data source as having the second associated property;

retrieving the first content information from the first data source and the second content information from the second data source; and

combining the retrieved first and second content information to define at least a portion of the document.

30. (Original): The method of claim 29 wherein the first data source is an image file and the first content information includes image data.

31. (Original): The method of claim 29 wherein the first content information includes an e-mail address.

32. (Original): The method of claim 29 wherein the first content information includes a telephone number.

33. (Original): The method of claim 29 wherein the first content information includes a list files.

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34.   (Original):   A system for representing a person as a document using a data source having

an associated property and content information related to the person, the system comprising:

a bit provider configured to:

i)   identify the data source as having the associated property;

ii)   retrieve the content information from the identified data source; and

iii)   provide the retrieved content information as at least a portion of the document.

35.   (Original):   The system of claim 34 further comprising:

an application interface in communication with the bit provider, the application interface

configured to provide the document to an application.

36.   (Original):   The system of claim 35, the bit provider further configured to:

iv)   receive additional information from the application via the application

interface; and

ii)   send the additional information to the person via a communications path.

37.   (Original):   The system of claim 36 wherein the communications path includes a short

message service (SMS) gateway.

38.   (Original):   The system of claim 36 wherein the communications path includes an e-mail

gateway.

39.   (Original):   The system of claim 36 wherein the communications path is established, at least in part, over a local area network (LAN).

40.   (Original):   A method of representing a computational process as a document, the computational process being performed on a computer having a memory unit in which content information related to the computational process is maintained, the method comprising:

retrieving the content information from the memory unit of the computer; and

providing the retrieved content information as at least a portion of the document.

41.   (Original):   The method of claim 40 wherein the computational process includes operation of a Java Remote Method Invocation (RMI) registry, and the content information includes an object named in the RMI registry.

42.   (Original):   The method of claim 40 wherein the computational process includes monitoring of a kernel.

43.   (Original):   A system for representing a travel approval process as a document using a data source having an associated property and content information related to the travel approval process, the system comprising:

a bit provider configured to:

i)   identify the data source as having the associated property;

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ii) retrieve the content information from the identified data source; and

iii) provide the retrieved content information as at least a portion of the document.

44. (Original): The system of claim 43 further comprising:

an application interface in communication with the bit provider, the application interface configured to provide the document to an application.

45. (Original): The system of claim 44, the bit provider further configured to:

iv) receive additional information from the application via the application interface; and

ii) store the additional information.

46. (Amended): A system for representing a hiring process as a document using a data source having an associated property and content information related to the travel approval hiring process, the system comprising:

a bit provider configured to:

i) identify the data source as having the associated property;

ii) retrieve the content information from the identified data source; and

iii) provide the retrieved content information as at least a portion of the document.

47. (Original): The system of claim 46 further comprising:

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an application interface in communication with the bit provider, the application interface configured to provide the document to an application.

48.   (Original):   The system of claim 47, the bit provider further configured to:

iv)   receive additional information from the application via the application interface; and

ii)   store the additional information.

49.   (Original):   The system of claim 48 wherein the communications path includes a short message service (SMS) gateway.

50.   (Original):   The system of claim 48 wherein the communications path includes an e-mail gateway.

51.   (Original):   The system of claim 48 wherein the communications path is established, at least in part, over a local area network (LAN).

52.   (New) A method of representing an entity as a document using a data source having an associated property and content information related to the entity, the method comprising:

i) storing the associated property, wherein the associated property is configured to enable the presentation of the document from the content information in the data source;

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ii) independent of a specific user request associating the property and the data source, identifying the data source as having the associated property;

iii) retrieving the content information from the identified data source in response to identifying the data source as having the associated property; and

iv) providing the retrieved content information as at least a portion of the document.

53. (New): The method of claim 52 wherein the entity is a task.

54. (New): The method of claim 52 wherein the entity is a person.

55. (New): The method of claim 52 wherein the entity is an object.

56. (New): The method of claim 52 wherein the entity is a device.

57. (New): The method of claim 52 wherein the data source is a document.

58. (New): The method of claim 52 wherein the data source is a device.

59. (New): The method of claim 58 wherein the device is a phone.

60. (New): The method of claim 58 wherein the device is a printer.

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61.   (New): The method of claim 58 wherein the device is a camera.